

Patent Abstracts of Japa

PUBLICATION NUMBER : 2002020062
PUBLICATION DATE : 23-01-02

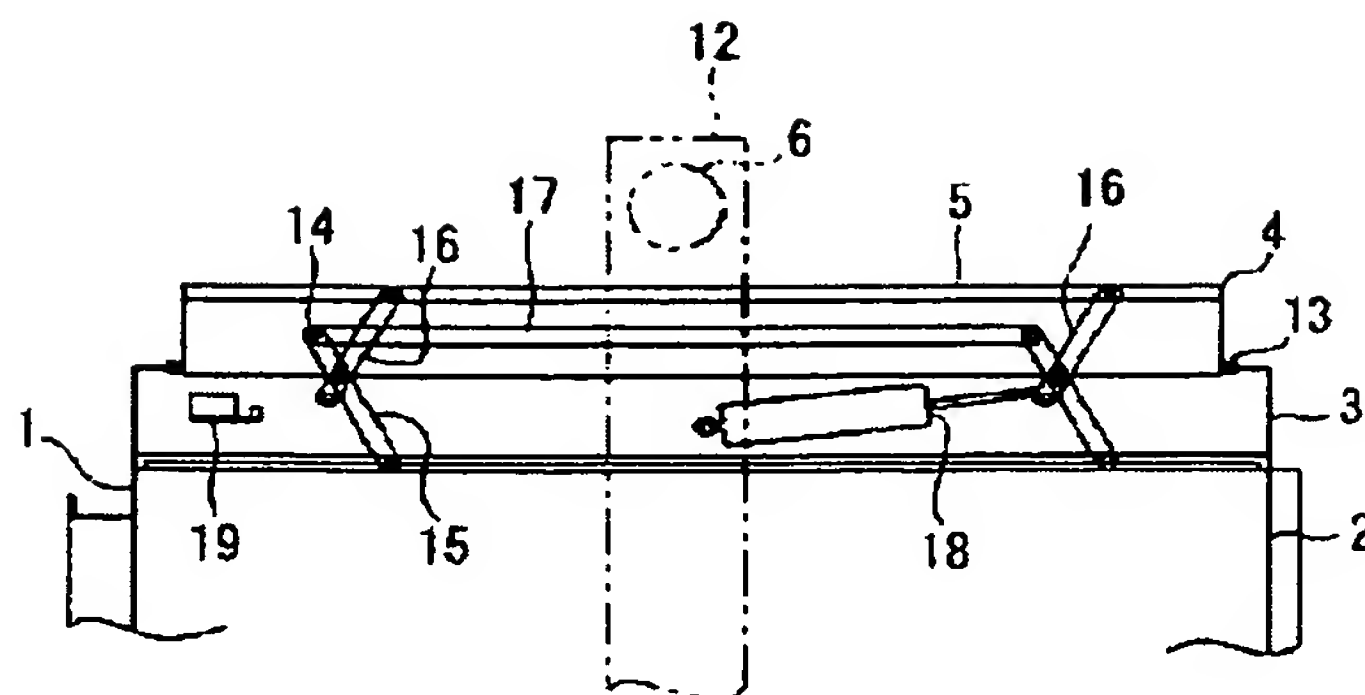
APPLICATION DATE : 07-07-00
APPLICATION NUMBER : 2000207499

APPLICANT : MITSUBISHI ELECTRIC CORP;

INVENTOR : MIZUNO YUKIOMI;

INT.CL. : B66B 11/02 B66B 5/00

TITLE : ELEVATOR CAGE DEVICE



1: かご室
3: 上縁部
4: 天井体
14: 作動機構

ABSTRACT : PROBLEM TO BE SOLVED: To provide an elevator cage device facilitating the works of workers owing to a working space in a cage top part in maintenance works.

SOLUTION: A ceiling body 4 forming a ceiling of a cage 1 is so constituted as to freely lift and is disposed in the top edge 3 of the cage 1, and an operating mechanism 14 has one side being engaged with the top edge 3 of the cage 1 and the other side being engaged with the ceiling body 4, energizes the ceiling body 4 to raise and retains it in a prescribed raised position generally. When the workers get in the top face 5 of the ceiling body 4 in maintenance works, the ceiling body 4 is lowered 14 by the weight of the workers against the raising energization force of the operating mechanism. The position of the top face 5 of the ceiling body 4 becomes lower than the top end of the cage 1 in an ordinary time to form the working space in the top face 5 of the ceiling body 4. This constitution can eliminate such failure as not lowering the ceiling body 4 in error and being in short in the height of the working space when the cage is raised.

COPYRIGHT: (C)2002,JPO